

ABSTRACT OF THE DISCLOSURE

A 2-dimension channel coding system re-organizes the contents channels from various sources, and encodes 5 their access paths and sequence in a 2-dimension order to enhance users' convenience in TV channel selection. It consists of an input receiver to take instructions sent by a remote controller from a TV user, a micro-processor to process the instructions based on 10 the programs stored in the memory to make decision on TV channel selection, a memory module, a LAN module as contents receiver from web system or internet, a tuner to receive broadcasting signals and a VGA display module for TV that takes the signals from tuner or LAN 15 module and outputs to TV sets. The TV channels in this system consists of the directory code channels in the 1st hierarchy and the folder code channels in the 2nd hierarchy, thus comes the order in 2 dimensions.